

# Converting Colors

Hex(627179)

Have a look what the booklet for  
Hex(627179) contains.

<b>Hex(627179)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(627179)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627179
RGB	98, 113, 121
RGB Percent	38%, 44%, 47%
CMY	0.6157, 0.5569, 0.5255
CMYK	0.19, 0.07, 0.00, 0.53
HSL	201°, 11%, 43%
HSV	201°, 19%, 47%
XYZ	14.3933, 15.7874, 20.3778
YIQ	109.4270, -11.5080, -0.6920

# Conversions

## Conversions Part 2

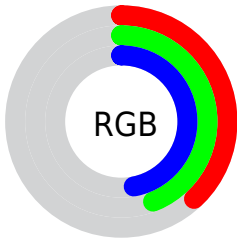
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 107, 121
Decimal	6451577
CIE Lab	46.69, -3.73, -6.31
CIE LCh	47, 7.325, 239.429
Yxy	15.7874, 0.2847, 0.3123
Android (android.graphics.Color)	4284641657 (0xFF627179)
YUV	109.4270, 5.7055, -10.0215
Hunter-Lab	39.7334, -4.8722, -2.5944

# Details

The Hex color **627179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **796A62**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **95A5AD**, and **334149** is the 20% darker color. If you saturate the color by 10%, you get **566D79**, and if you desaturate by 10%, it is **6E7579**.

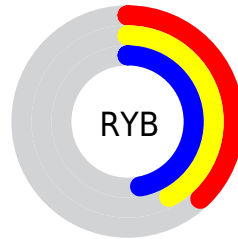
# Distribution



Red (38%)

Green (44%)

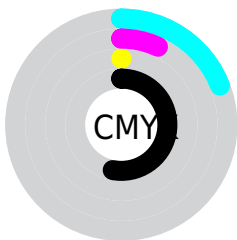
Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

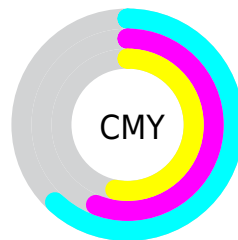


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (56%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627179 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 627179 by changing the saturation by 10% instead.





627179



627179

FFFFFF



4A5960



95A5AD



334149



B0C0C9



1D2B32



CBDCE5



07171D



E7F8FF



000001



000000



627179



627179



566D79



6E7579



4A6979



7A7979

■ 3E6479

■ 867E79

■ 326079

■ 928279

■ 265C79

■ 9E8679

■ 195879

■ AB8A79

■ 0D5479

■ B78E79

■ 014F79

■ C39379

■ 004F79

■ CF9779

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5F7274



627179



686F7B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



627179



7B6B6F



6D7064

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



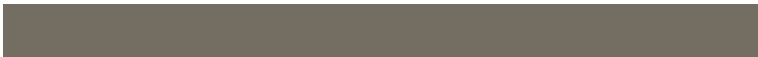
627179



796A62

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



746E62



627179



7C6B69

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



627179



776B75



796C64



667268

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



627179



6D6E7A



796C64



6F7063



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



627179



959B9E



62796A



4A4D4F



CFCFCF



4F4F4F



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



627179



7A919E



626679



373B3D



00517D



00A5FC



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



796271



9E7A91



797562



3D373B



7D0051



FC00A5



# Previews

## White Background



This preview shows how the Hex color 627179 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

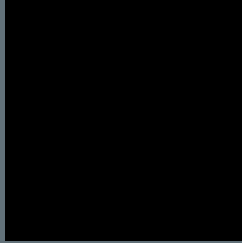
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

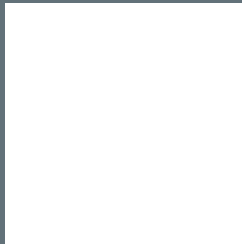
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 627179 Background



This preview shows how black text looks on a background with the Hex color 627179.



This preview shows how white text looks on a background with the Hex color 627179.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
627179

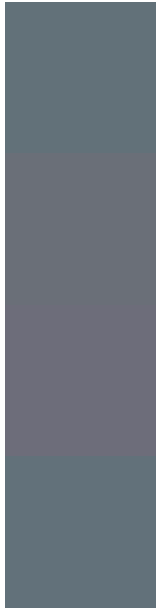
**Protanopia**  
6E6E77

**Deuteranopia**  
746B7A



**Tritanopia**  
62717A

# Trichromacy



**Original Color**  
627179

**Protanomaly**  
6A6F78

**Deuteranomaly**  
6D6D7A

**Tritanomaly**  
62717A

# Monochromacy



**Original Color**  
627179

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
696E71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627179 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #627179 looks like.

```
.text, #text, p{  
    color:#627179  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #627179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627179
}
```

## Border

The CSS property to change the border of an element to Hex 627179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

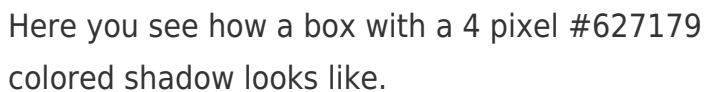
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#627179 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#627179 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #627179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627179; -webkit-box-shadow:4px 4px  
4px 4px #627179; box-shadow:4px 4px 4px  
4px #627179 }
```

# Background

The CSS property to change the background color of an element to Hex 627179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627179 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#627179 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor